EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|---|---------------------|---------|---------------------|
| L1 | 1134 | 257/510.cdls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/09/02 09:57 |
| L2 | 360 | 257/513.cds. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/09/02 09:58 |
| L3 | 29 | 257/E21.549 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 09:59 |
| L4 | 34 | 257/E21.59 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 09:59 |
| L5 | 18 | 257/E21.166 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:00 |
| L6 | 58 | 257/E21.507 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:00 |
| L7 | 26 | 257/E21.279 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:00 |
| L8 | 171 | 257/E21.546 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:01 |
| L9 | 43 | 257/E21.651 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:01 |

| L10 | 47 | 257/E21.633 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:01 |
|-----|------|---|---|----|-----|---------------------|
| L11 | 1724 | 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 110 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/02 10:02 |
| L12 | 143 | I11 and (trench with nitride with liner) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/09/02 10:02 |
| L13 | 2 | I11 and (trench with nitride with edge with bottom) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/09/02 10:03 |
| L17 | 0 | semiconductor with trench with isolation with substrate with surrounded with sidewall with nitride with second with liner with edge with bottom. clms. | US-PGPUB | OR | ON | 2008/09/02 10:37 |
| S1 | 641 | trench with nitride with liner | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/09/15 16:36 |
| S2 | 43 | S1 and (stress with reduce) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/19 19:18 |
| 83 | 22 | S1 and (nitride with stress with reduce) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/19 19:19 |
| S4 | 3 | "6518148" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | OFF | 2004/09/15 16:51 |

| S 5 | 17 | ("20030015736" "5780346" "5811347" "6118168" "6156620" "6261925" "6436790" "6479367" "6498383").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 06:58 |
|------------|-----|---|---|------|-----|---------------------|
| S6 | 2 | "6689654" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/24 14:14 |
| S7 | 162 | ("20010009784" "20020074598" "20020086472" "20020086497" "20020090791" "20030015736" "20030032261" "20030057184" "20030057184" "20030057184" "20030067035" "3602841" "4855415" "4855245" "4852524" "4952524" "4952524" "5506913" "5081513" "5108843" "5134085" "5314085" "5371399" "5391510" "5479346" "5557122" "55656302" "5571741" "5565637" "5579201" "5679965" "5679965" "5683934" "5683934" "5780346" "581347" "58140593" | US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB | OR . | OFF | 2005/02/19 19:17 |

| 8 727 | trench with nitride with liner | US-PGPUB; USPAT; EPO; JPO; DERWENT; | OR | OFF | 2005/02/19 19:18 |
|-------|---|--|----|-----|---------------------|
| | "5880040" "5880040" "5890040" "5940736" "5940736" "59960297" "59989978" "6008126" "6006546" "6006546" "6006546" "6017143" "6117722" "6118168" "6156520" "6165383" "6221735" "6218620" "6165383" "6221735" "622694" "626594" "626594" "626594" "62651171" "6274444" "6281532" "6281964" "6361865" "6361865" "640373" "640378" "6403790" "6403790" "641396" "64736771 "649336" "64736771 "649336" "64736771 "649336" "64736771 "649336" "64736771 "649336" "64736771 "649336" "6453166" "6551121" "6506652" "6531740") .FN. | | | | |

| S9 | 51 | S8 and (stress with reduce) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/19 19:18 |
|-----|----|--|---|----|-----|---------------------|
| S10 | 28 | S8 and (nitride with stress with reduce) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/19 19:19 |
| S11 | 3 | "6544855" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 19:54 |
| S12 | 44 | S7 and (nitride with trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 19:54 |
| S13 | 0 | S12 and NFET and PFET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 19:55 |
| S14 | 0 | S7 and NFET and PFET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:48 |
| S15 | 3 | S12 and FET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 19:55 |
| S16 | 11 | S8 and NFET and PFET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 20:19 |
| S17 | 0 | S8 and (nitride with 2nm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 20:19 |
| S18 | 1 | S8 and (nitride with ("2.0" adj nm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 20:20 |

| S19 | 4 | (*1.0" adj nm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/19 20:21 |
|-------------|-----|---|---|----|-----|---------------------|
| S20 | 448 | (nitride with liner with trench) and plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 17:44 |
| S21 | 382 | (nitride with liner with trench) and plasma and (trench with isolation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 17:47 |
| S22 | 19 | (nitride with liner with trench) and (plasma with nitridation) and (trench with isolation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 14:19 |
| S2 3 | 2 | S22 and penetrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/15 17:48 |
| S24 | 22 | (nitride with liner with trench) and (plasma with nitridation) and (trench with isolation) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/19 14:20 |
| S 25 | 832 | 257/510.ccis. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/22 06:59 |
| S 26 | 31 | "5940717" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/16 14:59 |
| S27 | 36 | trench with (filler or filled) with oxide with nitrogen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/05 17:01 |
| S28 | 3 | "6887798" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/05 17:00 |

| S29 | 1 | "20020177270".PN. | US-PGPUB | OR | ON | 2007/07/22 15:04 |
|------|----|---|--|----|------|---------------------|
| S30 | 1 | "6486039".PN. | USPAT; USOCR | OR | ON | 2007/07/22 15:04 |
| S31 | 1 | "6479367".PN. | USPAT; USOCR | OR | ON | 2007/07/22 15:05 |
| S32 | 1 | "6156620".PN. | USPAT; USOCR | OR | ON | 2007/07/22 15:05 |
| \$33 | 63 | ("20020031890" "20020078899" "20020153549" "20020153549" "20020190284" "20030001219" "2003003091" "20030080386" "20040026765" "4314269" "4631803" "4946799" "5461250" "5534713" "55629544" "5714777" "5763315" "5811857" "6015993" "6046487" "604885" "6222234" "6232163" "6258664" "6291321" "624834" "6387739" "6414355" "6448114" "6475838" "6489061" "6489061" "6489061" "6485999" "6558998" "6655700" "6655700" "6657276" "6657276" "0621131").PN. | US-PGPUB; US-PAT; EFO; JPO; DEFWENT; IBM_TDB | OR | ON . | 2008/01/01 |

| S34 | 33 | S33 and nitride | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:19 |
|-----|----|--|---|----|----|---------------------|
| S35 | 23 | S34 and (trench with (isolation or insulator)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:20 |
| S36 | 9 | S35 and stress | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:21 |
| S37 | 6 | S36 and sidewall | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:21 |
| S38 | 0 | S37 and birdsbeak | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:22 |
| S39 | 1 | S37 and (bird\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/01 15:22 |
| S40 | 7 | "6657256" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:32 |
| S41 | 11 | "6882025" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:33 |
| S42 | 1 | "6657276".PN. | USPAT; USOCR | OR | ON | 2008/01/07 01:34 |
| S43 | 1 | "20020031890".PN. | US-PGPUB | OR | ON | 2008/01/07 01:34 |

| 5314 | 83 | ("20020031890" "2002016895" "2002015894" "20020153549" "20020153549" "20020130284" "2003003091" "2003003091" "20030080386" "20040026765" "4631803" "4946799" "5447884" "5461250" "5543713" "5629544" "553315" "563954713" "6016893" "6016987 "6017593" "601893" "601893" "6022234" "6291221" "6294834" "638773" "6413802" "6414355" "6448114" "64588898" "6458985" "6458985" "6458985" "6489664" "6458985" "6458985" "64589870" "64589870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "645898870" "64589870" "64589870" "65558998" "6555898" "6555898" "65558998" "6555898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898" "655898 | US-PATE EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 |
|------|----|--|---|----|----|---------------------|
| S45 | 33 | S44 and nitride | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:41 |
| S46 | 23 | S45 and (trench with (isolation or insulator)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:41 |

| S47 | 9 | S46 and stress | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:41 |
|-----|------|---|---|----|-----|---------------------|
| S48 | 14 | (US-20030077872-\$ or US-20020155730-\$ or US-20040152730-\$ or US-20040155275-\$). did. or (US-6348394-\$ or US-6887798-\$ or US-5940717-\$ or US- 6518148-\$ or US- 6689654-\$ or US- 6689654-\$ or US- 6156820-\$ or US- 6657256-\$ or US- 6687256-\$ or US- 6882025-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/01/07 |
| S49 | 8 | S48 and stress | US-PGPUB; USPAT | OR | ON | 2008/01/07 01:42 |
| S50 | 8 | S48 and stress and nitride | US-PGPUB; USPAT | OR | ON | 2008/01/07 01:42 |
| S51 | 1445 | trench with nitride with liner | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/07 01:50 |
| S52 | 57 | S51 and (nitride with stress with reduce) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/07 01:48 |
| S53 | 8 | S52 and NFET and PFET | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/07 01:49 |
| S54 | 0 | trench with nitride with liner with compression with stress | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/07 01:50 |
| S55 | 4 | trench with nitride with compression with stress | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB | OR | OFF | 2008/01/07 01:51 |

| S56 | 15 | (US-20030077872-\$ or US-20040212035-\$ or US-20040212035-\$ or US-200201557730-\$ or US-20050121727-\$). did. or (US-6156620-\$ or US-6689654-\$ or US-6544855-\$ or US-6348394-\$ or US-6887798-\$ or US-6887205-\$ or US-6982025-\$ or US-69882025-\$ or US-6687265-\$). did. | US-PGPUB; USPAT | OR | ON | 2008/06/23 08:06 |
|-------------|----|--|---|----|-----|---------------------|
| S 57 | 2 | S56 and (nitride with stress with compressive) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 08:07 |
| S58 | 9 | S56 and (nitride with stress) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 08:08 |
| S59 | 73 | "6090684" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/06/23 08:23 |

^{9/2/08 11:02:16} AM

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